NICOTINE AND NICOTINE METABOLITES

Data are reported on 136 subjects participating in the Pilot Total Exposure Study. In the tables below, the total number of subjects and the percent of subjects with data values that are below the LOQ by week and by gender are shown for nonsmokers.

Table 1: Total Number of Subjects and Percent of Values Below the Limit of Quantitation (LOQ) by Week
NONSMOKERS

	Week 1		Week 2		Week 3	
	No.	% LOQ	No.	%	No.	%
Nicotine	52	77.6	55	82.1	57	86.4
Total Nicotine	44	65.7	51	76.1	52	78.8
Cotinine	50	74.6	48	71.6	51	77.3
Total Cotinine	35	52.2	33	49.2	40	60.6
Trans 3-hydroxycotinine	23	34.3	18	26.9	31	47.0
Total Trans 3-hydroxycotinine	24	35.8	16	23.9	26	39.4

Table 2: Total Number of Subjects and Percent of Values Below the Limit of Quantitation (LOQ) by Week and Gender: Nonsmokers

	Female Nonsmokers					
	Week 1		Week 2		Week 3	
Biomarker	No.	% LOQ	No.	% LOQ	No.	% LOQ
Nicotine	34	94.4	33	91.7	35	97.2
Total Nicotine	29	80.6	32	88.9	33	91.7
Cotinine	31	86.1	30	83.3	33	91.7
Total Cotinine	24	66.7	21	58.3	26	72.2
Trans 3-hydroxycotinine	16	44.4	15	41.7	23	63.9
Total Trans 3-hydroxycotinine	16	44.4	14	38.9	19	52.8
	Male Nonsmokers					
	Week 1		Week 2		Week 3	
Biomarker	No.	% LOQ	No.	% LOQ	No.	% LOQ
Nicotine	18	58.1	22	71.0	22	73.3
Total Nicotine	15	48.4	19	61.3	19	63.3
Cotinine	19	61.3	18	58.1	18	60.0
Total Cotinine	11	35.5	12	38.7	14	46.7
Trans 3-hydroxycotinine	7	38.9	22.6	9.7	8	26.7
Total Trans 3-hydroxycotinine	8	25.8	2	6.5	7	23.3

Source: https://www.industrydocuments.ucsf.edu/docs/kgnj0001